

# OHIO PUBLIC WORKS COMMISSION

77 South High Street, Room 1629

Columbus, Ohio 43266-0303

(614) 466-0880

CBA04

## APPLICATION FOR FINANCIAL ASSISTANCE

NOTE: Applicant should consult the "Instructions for Completion of Project Application for assistance in the proper completion of this form."

APPLICANT NAME Hamilton County, Ohio  
STREET Room 700, County Administration Building  
138 East Court Street  
CITY/ZIP Cincinnati, Ohio 45202

PROJECT NAME Rapid Run Rd.-Neeb Rd. Intersection Improvement  
PROJECT TYPE Replacement and Expansion  
TOTAL COST \$ 805,498

DISTRICT NUMBER 2  
COUNTY Hamilton

PROJECT LOCATION ZIP CODE 45238

This section to be completed by District Committee ONLY:

### DISTRICT FUNDING RECOMMENDATION

AMOUNT OF REQUEST: \$ 564,272

### FUNDING SOURCE (Check Only One):

☐ State Issue 2 District Allocation  
☐ State Issue 2 Small Government Funds  
☐ State Issue 2 Emergency Funds  
☒ Local Transportation Improvement Program

This section to be completed by OPWC ONLY:

OPWC PROJECT NUMBER: \_\_\_\_\_

OPWC FUNDING AMOUNT: \$ \_\_\_\_\_

# 1.0 APPLICANT INFORMATION

1.1 CONTACT PERSON  
TITLE William W. Brayshaw  
STREET Chief Deputy County Engineer  
Room 700, County Administration Bldg.  
138 East Court Street  
CITY/ZIP Cincinnati, Ohio 45202  
PHONE ( 513 ) 632 - 8691  
FAX ( 513 ) 723 - 9748

1.2 CHIEF EXECUTIVE  
OFFICER  
TITLE Donald C. Schramm  
STREET Hamilton County Engineer  
Room 700, County Administration Bldg.  
138 East Court Street  
CITY/ZIP Cincinnati, Ohio 45202  
PHONE ( 513 ) 632 - 8630  
FAX ( 513 ) 723 - 9748

1.3 CHIEF FINANCIAL  
OFFICER  
TITLE Joseph L. DeCourcy, Jr.  
STREET Hamilton County Auditor  
Room 304-A, County Administration Bldg.  
138 East Court Street  
CITY/ZIP Cincinnati, Ohio 45202  
PHONE ( 513 ) 632 - 8212  
FAX ( ) -

1.4 PROJECT MGR  
TITLE James R. Nimz  
STREET Deputy Engineer  
Hamilton County Engineer Garage  
223 West Galbraith Road  
CITY/ZIP Cincinnati, Ohio 45215  
PHONE ( 513 ) 761 - 7400  
FAX ( 513 ) 761 - 9127

1.5 DISTRICT LIAISON  
TITLE William W. Brayshaw  
STREET Chief Deputy County Engineer  
Room 700, County Administration Bldg.  
138 East Court Street  
CITY/ZIP Cincinnati, Ohio 45202  
PHONE ( 513 ) 632 - 8691  
FAX ( 513 ) 723 - 9748

## 2.0 PROJECT SCHEDULE

	ESTIMATED START DATE	ESTIMATED COMPLETE DATE
2.1 ENGR. DESIGN	10 / 1 / 89	12 / 15 / 89
2.2 BID PROCESS	3 / 1 / 90	3 / 30 / 90
2.3 CONSTRUCTION	4 / 30 / 90	8 / 30 / 90

Bid Process and Construction dates contingent on completion of Project Agreement with OPWC.

## 3.0 PROJECT INFORMATION

3.1 **PROJECT NAME:** Rapid Run Road-Neeb Road Intersection Improvement

### 3.2 BRIEF PROJECT DESCRIPTION

A. **SPECIFIC LOCATION:** Located in S.W. Hamilton County, Delhi Township, beginning on Rapid Run Road 650' west of Neeb Road and ending on Rapid Run Road 480' east of Neeb Road. Total project length 1430'. (1130' on Rapid Run Road, 300' on Neeb Road.)

B. **PROJECT COMPONENTS:** Project consists of the following components:

1. Removal of the existing 9" Reinforced Portland Cement Concrete Pavement and replacing it with a new 9" Reinforced Portland Cement Concrete Pavement with 6" subbase.
2. Undercutting and replacement of poor subgrade with installation of underdrains.
3. Widening for left turns on Rapid Run Road approaches.
4. Modification, adjustment and expansion of existing storm drainage system.

C. **PHYSICAL DIMENSIONS/CHARACTERISTICS:** Width of pavement 40' on Rapid Run Road and 36' on Neeb Road. Age of pavement 22 years plus. Existing 9" pavement severely fractured at the transverse joints. Some slabs cracked and settled due to slab pumping and subgrade failure because of inadequate soil support strength and water accumulation.

D. **DESIGN SERVICE CAPACITY:** Current facility was designed and constructed to provide a four lane facility on Rapid Run Road through the intersection and is currently handling an Average Daily Traffic of 18,900 vehicles per day. For more efficient utilization of through lane capacity current design standard recommends addition of exclusive left turn lanes on Rapid Run Road. Exclusive left turns exist on Neeb Road.

### 3.3 REQUIRED SUPPORTING DOCUMENTATION

Attach Pages.

## 4.0 PROJECT FINANCIAL INFORMATION

### 4.1 PROJECT ESTIMATED COSTS (Round to Nearest Dollar):

a)	Project Engineering Costs:	
	1. Preliminary Engineering	\$ <u>Completed-100% County</u>
	2. Final Design	\$ <u>Completed-100% County</u>
	3. Construction Supervision	\$ <u>100% County</u>
b)	Acquisition Expenses	
	1. Land	\$ <u>None</u>
	2. Right-of-Way	\$ <u>None</u>
c)	Construction Costs	\$ <u>734,850</u>
d)	Equipment Costs	\$ <u>None</u>
e)	Other Direct Expenses	\$ <u>None</u>
f)	Contingencies	\$ <u>70,648</u>
g)	TOTAL ESTIMATED COSTS	\$ <u>805,498</u>

4.2 TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 626,969

4.3 TOTAL PORTION OF PROJECT NEW/EXPANSION \$ 178,529

### 4.4 PROJECT FINANCIAL RESOURCES (Round to Nearest Dollar and Percent)

	Dollars	%
a) Local In-Kind Contributions	\$ <u>0</u>	
b) Local Public Revenues	\$ <u>405,810</u>	<u>50.38</u>
c) Local Private Revenues	\$ <u>0</u>	
d) Other Public Revenues		
	1. State of Ohio	\$ <u>0</u>
	2. Federal Programs	\$ <u>0</u>
e) --- OPWC Funds	\$ <u>399,688</u>	<u>49.62</u>
f) TOTAL FINANCIAL RESOURCES	\$ <u>805,498</u>	<u>100</u>

### 4.5 STATUS OF FUNDS

Attach Documentation.

### 4.6 PREPAID ITEMS

Attach Page.

## 5.0 APPLICANT CERTIFICATION

The Applicant Certifies That:

As the official representative of the Applicant, the undersigned certifies: that he/she is legally empowered to represent the applicant in both requesting and accepting financial assistance as provided under Chapter 164 of the Ohio Revised Code; that to the best of his/her knowledge and belief, all representations that are a part of this application are true and correct; that all official documents and commitments of the applicant that are a part of this application have been duly authorized by the governing body of the Applicant; and, should the requested financial assistance be provided, that in the execution of this project, the Applicant will comply with all assurances required by Ohio law, including those involving minority business utilization, equal employment opportunity, Buy Ohio, and prevailing wages.

Donald C. Schramm, P.E.-P.S., Hamilton County Engineer

Certifying Representative (Type Name and Title)

Signature/Date Signed

Applicant shall circle the appropriate response to the statements.  
In my project application, I have included the following:

- |                                      |   |  |
|--------------------------------------|---|--|
| <input checked="" type="radio"/> YES | <input type="radio"/> NO                | Two-year Maintenance of Local Effort Report as required in 164-1-12 of the Ohio Administrative Code.   |
| <input checked="" type="radio"/> YES | <input type="radio"/> NO                | A registered professional engineer's estimate of useful life as required in 164-1-13 of the Ohio Administrative Code.  |
| <input checked="" type="radio"/> YES | <input type="radio"/> NO                | A registered professional engineer's estimate of cost as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code.  |
| <input checked="" type="radio"/> YES | <input type="radio"/> NO                | Two (2) copies of a 5-year Capital Improvements Report have been submitted to my District Integrating Committee as required in 164-1-31 of the Ohio Administrative Code. |
| <input checked="" type="radio"/> YES | <input type="radio"/> NO                | A "status of funds" report per section 4.5 of this application.  |
| YES                                  | NO <input checked="" type="radio"/> N/A | A copy of the cooperative agreement (for projects involving more than one subdivision).  |
| YES                                  | NO <input checked="" type="radio"/> N/A | Copies of all warrants for those items identified as "pre-paid" in section 4.6 of this application.  |

## 6.0 DISTRICT COMMITTEE CERTIFICATION

The District Integrating Committee for District Number 2 Certifies That:

As the official representative of the District Public Works Integrating Committee, the undersigned hereby certifies: that this application for financial assistance as provided under Chapter 164 of the Ohio Revised Code has been duly selected by the appropriate body of the District Public Works Integrating Committee; that the project's selection was based entirely on an objective, District-oriented set of project evaluation criteria and selection methodology that are fully reflective of and in conformance with Ohio Revised Code Sections 164.05, 164.06, and 164.14, and Chapter 164-1 of the Ohio Administrative Code; and that the amount of financial assistance hereby recommended has been prudently derived in consideration of all other financial resources available to the project. As evidence of the District's due consideration of required project evaluation criteria, the results of this project's ratings under such criteria are attached to this application.

Donald C. Schramm, Chairperson, District 2 Integrating Committee

Certifying Representative (Type Name and Title)

Signature/Date Signed

# TWO-YEAR MAINTENANCE OF LOCAL EFFORT REPORT

## HAMILTON COUNTY ENGINEER'S OFFICE

### Project Type:

Rp - Repair  
 Ex - Expansion  
 Re - Replacement  
 NW - New Construction or Relocation

### Funding Source:

L - Local  
 F - Federal  
 S - State

Project Description	Project Type				Funding Source and %			Appropriated or Expended
	Rp	Ex	Re	NW	L	F	S	
<u>1989 Capital Improvements:</u>								
1. Snider Road Box Culvert			X		100			\$ 155,216.74
2. Resurfacing Contract No. 1	X				100			280,771.10
3. Fields Ertel Box Culvert			X		100			52,539.00
4. Curb Ramps Contract No. 1 Colerain/Springfield Twps.			X	X	100			30,000.00
5. Curb Ramps Contract No. 2 Delhi/Green Twps.			X	X	100			29,018.00
6. Curb Ramps Contract No. 3 Anderson/Columbia Twps.			X	X	100			10,361.00
7. Sheits Rd. Slide Correction with Pier Wall	X				100			421,655.50
8. Resurfacing Contract No. 2	X				100			710,610.45
9. Eight Mile and Ayers Rds. Hump Removals			X		100			180,996.85
10. 1989 Bridge Painting Contr.	X				100			89,924.00
11. Lawrenceburg Rd. Bridge Demolition					100			74,800.00
12. Loveland-Madeira Rd. Widen.		X			100			21,636.00
13. Waycross Rd. & Civic Center Drive Improvements	X			X	100			416,203.66
14. Hosbrook Rd. Resurfacing & Galbraith Rd. at Montgomery Widening & Resurfacing	X	X			100			64,025.60
15. Five Mile Rd. Widening & Resurfacing	X	X			100			329,094.60
16. Resurfacing Contract No. 3	X				100			108,878.60
17. Union Cemetery Rd. Curve Modification & Mason Rd. Widening		X	X		100			105,814.00
18. 1989 Guardrail Contract		X	X	X	100			242,803.00
19. Devil's Backbone Rd. & Cleves-Warsaw Rd. Intersection Improvement	X			X	100			169,265.50
20. Old Colerain Bridge B-0404			X		10		90	1,324,655.00
21. Westwood Northern Rd. Improvement	X				10		90	1,044,451.00
22. Foley Rd. Improvement	X				10		90	594,747.00

**TOTAL 1989**

**\$6,457,437.00**

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### Project Type:

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 Re - Replacement  
 Nw - New Construction or Relocation

### Funding Source:

L - Local  
 F - Federal  
 S - State

Project Description	Project Type				Funding Source and %			Appropriated or Expended
	Rp	Ex	Re	Nw	L	F	S	
<u>1988 Capital Improvements:</u>		X						
1. Daly Road Improvements	X				100			\$ 587,777.77
2. North Bend Rd. Lane Addition at Cheviot Rd.		X			100			70,610.25
3. Rapid Run Road, Section 1			X		100			413,811.40
4. Berkshire Road Bridge (B-0022)			X		100			379,256.85
5. Betts Ave. Improvement	X				100			368,092.07
6. Race Road-Bridgetown Intersection Improvement	X	X		X	100			149,090.50
7. Resurfacing Contract No. 1	X				100			250,181.52
8. East Miami River Road Slide Correction with Pier Wall	X				100			317,204.50
9. Resurfacing Contract No. 2	X				100			103,879.84
10. West Road Improvements	X	X	X		100			525,921.48
11. Wesselman Road Bridge (B-0310)			X		100			100,894.00
12. Rapid Run Rd., Section 2			X		100			706,547.44
13. Montgomery Rd.-Hosbrook Rd. Intersection Improvements	X	X			100			381,822.80
14. Harrison Rd. Bridge over Great Miami River (B-0754)			X		100			2,297,141.20
15. East Miami River Rd. Slide Correction	X				100			157,267.00
16. Hopper Rd. at Eight Mile Rd. Culvert Replacement			X		100			54,470.00
17. New Haven Rd. Bridge Replacement (B-0632)		X	X		25	75		248,605.80
18. Cheviot-Blue Rock HES Project Safety Upgrade		X			25	75		69,200.00

**TOTAL 1988**

**\$7,181,724.40**

# TWO-YEAR MAINTENANCE OF LOCAL EFFORT REPORT

## HAMILTON COUNTY ENGINEER'S OFFICE

### Project Type:

Rp - Repair  
 Ex - Expansion  
 Re - Replacement  
 NW - New Construction or Relocation

### Funding Source:

L - Local  
 F - Federal  
 S - State

Project Description	Project Type				Funding Source and %			Appropriated or Expended
	Rp	Ex	Re	NW	L	F	S	
<u>1987 Capital Improvements:</u>								
1. Resurfacing Contract No. 1	X							\$ 432,203.00
2. Kleeman Court Bridge (B-0024)		X						41,355.00
3. Resurfacing Contract No. 2	X							615,811.00
4. Resurfacing Contract No. 3	X							502,472.40
5. 1987 Surface Treating Prog.	X							671,133.83
6. Dry Fork Bridge (B-0470)			X					119,564.00
7. Kilby Rd. Improvement at I-275 & Suspension Bridge Rd.	X		X					531,743.77
8. Whetsel Rd. Slide Repair	X							71,768.00
9. Resurfacing Contract No. 4	X							228,515.00
10. Blue Ash Rd. Improvement	X							763,271.00
11. Dunlap Rd. Bridge (B-0072)			X					168,092.75
12. 1987 Pipe Culvert Replacement Program			X					175,821.00
13. Four Mile Rd. Bridge (B-0041)			X					109,955.50
14. Harrison Rd. Bridge Deck Replacement (B-1056)		X			25	75		538,859.00

**TOTAL 1987**

**\$4,764,565.10**



## TWO-YEAR MAINTENANCE OF LOCAL EFFORT REPORT

## HAMILTON COUNTY ENGINEERS OFFICE

Project Type:Funding Source:

Rp - Repair  
 Ex - Expansion  
 Re - Replacement  
 NW - New Construction or Relocation

L - Local  
 F - Federal  
 S - State

Project Description	Project Type				Funding Source and %			Appropriated or Expended
	Rp	Ex	Re	Nw	L	F	S	
<u>1986 Capital Improvements:</u>								
1. Wolfangle Rd. Box Culvert Repair	X				100			\$ 39,085.00
2. 1986 Surface Treating Program	X				100			648,781.00
3. Hamilton Ave.-Galbraith Rd. Intersection Improvement	X	X			100			908,407.81
4. Wesselman Rd. Bridge (B-0372)			X		100			58,894.51
5. Jordan Rd. Bridge (B-0214)			X		100			68,085.05
6. New Haven Rd. Bridge (B-0254)			X		100			75,785.00
7. Winton Rd. Widening at Reynard		X			100			143,451.00
8. 1986 Resurfacing Program	X				100			435,770.00
9. Galbraith Road Improvements	X				100			1,535,230.45
10. Eight Mile Rd. Slide Repair	X				100			124,240.00
11. Baughman Rd. Bridge (B-0190)			X		100			72,744.00
12. 1986 Pipe Culvert Replacement Program			X	X	100			76,340.00
13. East Miami River Rd. Slide Repair at Scull Rd.	X				100			41,730.00
14. Cross County Highway Sec. D HAM. 75/126 - 9.93/13.00				X	12.5	75	12.5	47,659,505.99

TOTAL 1986

\$51,888,048.00



# County of Hamilton

DONALD C. SCHRAMM, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202

GENERAL INFORMATION (513) 632-8523

## CONSTRUCTION COSTS:

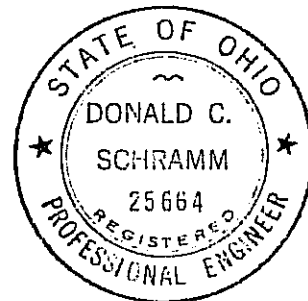
The opinion of Project Construction Costs is based on current unit price experience and is subject to adjustment upon completion of detailed plans and receipt of an acceptable proposal and bid by a qualified Contractor.

## STATEMENT OF USEFUL LIFE:

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the Rapid Run-Neeb Rd. Intersection Improvement will have a useful life of at least 30 years.

HAMILTON COUNTY ENGINEER

  
DONALD C. SCHRAMM, P.E.-P.S.



REPLACEMENT PORTION OF PROJECT

RAPID RUN ROAD AND THE  
 INTERSECTIONS OF  
 NEEB & DEVIL'S BACKBONE ROADS

ENGINEER'S  
 ESTIMATE

ITEM NO.	DESCRIPTION	UNIT	QUANT	UNIT	TOTAL
202	RIGID PAVEMENT REMOVED	S.Y.	5400	5.00	27000.00
202	WEARING COURSE REMOVED	S.Y.	850	2.50	2125.00
202	WALK REMOVED	S.F.	3520	2.50	8800.00
202	GUARDRAIL REMOVED	L.F.	450	4.00	1800.00
202	CATCH BASINS REMOVED	EA.	6	300.00	1800.00
202	INLETS REMOVED	EA.	3	300.00	900.00
202	PIPE ABANDONED	L.F.	148	2.50	370.00
202	ASPHALT CURB REMOVED	L.F.	90	1.00	90.00
202	PAVEMENT REMOVED-CONC. DR. APRON	S.Y.	30	5.00	150.00
203	EXCAVATION NOT INCL. EMB. CONST.	C.Y.	1271	10.00	12710.00
203	EMBANKMENT	C.Y.	1325	10.00	13250.00
203	REMOVAL AND REPLACEMENT OF UNSUITABLE SUBGRADE MATERIAL	C.Y.	6000	18.00	108000.00
203	SUBGRADE COMPACTION	S.Y.	5400	1.00	5400.00
203	PROOF ROLLING	HR.	20	150.00	3000.00
301	BITUMINOUS AGGREGATE BASE FOR DRIVEWAYS	C.Y.	35	60.00	2100.00
304	AGGREGATE BASE - 6"	C.Y.	1005	30.00	30150.00
404	ASPHALT CONCRETE AC-20	C.Y.	40	90.00	3600.00
404	ASPHALT CONC. AC-20 - DRIVEWAYS	C.Y.	15	100.00	1500.00
451	REINFORCED CONCRETE PAVEMENT - 9"	S.Y.	5400	45.00	243000.00
452	PLAIN CONCRETE PAVEMENT FOR DRIVEWAYS - 7"	S.Y.	120	32.00	3840.00
604	CATCH BASINS RECONSTRUCTED TO GRADE	EA.	5	450.00	2250.00
604	MANHOLES ADJUSTED TO GRADE	EA.	10	200.00	2000.00
605	4" UNCLASSIFIED PIPE UNDERDRAINS	L.F.	2550	7.75	19762.50
606	GUARDRAIL, TYPE 5	L.F.	425	16.00	6800.00
606	ANCHOR ASSEMBLY, TYPE T	EA.	2	375.00	750.00
608	CONCRETE WALK - 5"	S.F.	3818	4.50	17181.00
609	CONCRETE CURB, TYPE 2-A, 6"	L.F.	2250	9.00	20250.00
609	ASPHALT CONCRETE CURB	L.F.	70	10.00	700.00
614	MAINTAINING TRAFFIC	L.S.	1	20000.00	20000.00
619	FIELD OFFICE	L.S.	1	5000.00	5000.00
623	CONSTRUCTION LAYOUT STAKES	L.S.	1	8500.00	8500.00
624	MOBILIZATION	L.S.	1	3000.00	3000.00
659	SEEDING & MULCHING	S.Y.	1200	1.50	1800.00

TOTAL INFRASTRUCTURE  
 REPLACEMENT PORTION: \$577578.50

CONTINGENCIES: \$ 49390.00

TOTAL REPLACEMENT COST: \$626968.50

EXPANSION PORTION OF PROJECT

RAPID RUN ROAD AND THE  
INTERSECTIONS OF  
NEEB & DEVIL'S BACKBONE ROADS

ENGINEER'S  
ESTIMATE

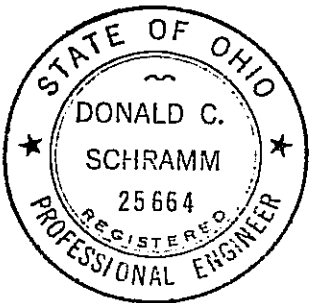
ITEM NO.	DESCRIPTION	UNIT	QUANT	UNIT	TOTAL
203	EXCAVATION NOT INCL. EMB. CONST.	C.Y.	383	12.00	4596.00
203	EMBANKMENT	C.Y.	150	10.00	1500.00
203	SUBGRADE COMPACTION	S.Y.	2300	1.00	2300.00
203	PROOF ROLLING	HR.	10	150.00	1500.00
304	AGGREGATE BASE - 6"	C.Y.	600	30.00	18000.00
451	REINFORCED CONCRETE PAVEMENT - 9"	S.Y.	2300	45.00	103500.00
603	12" CONDUIT, TYPE B, 706.02	L.F.	250	33.50	8375.00
603	18" CONDUIT, TYPE B, 706.02	L.F.	10	45.00	450.00
604	CATCH BASINS, TYPE 3	EA.	7	1750.00	12250.00
604	CATCH BASINS, TYPE 6	EA.	4	1200.00	4800.00

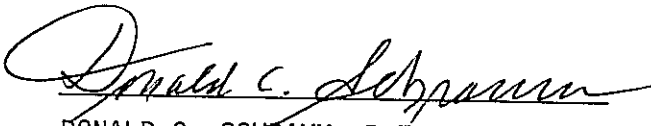
TOTAL INFRASTRUCTURE  
EXPANSION PORTION: \$157271.00

CONTINGENCIES: \$ 21258.00

TOTAL EXPANSION COST: \$178529.00

GRAND TOTAL: \$805497.50



  
DONALD C. SCHRAMM, P.E.-P.S.  
HAMILTON COUNTY ENGINEER

STATUS OF FUNDS

PROJECT: Rapid Run-Neeb Rd. Intersection Improvement

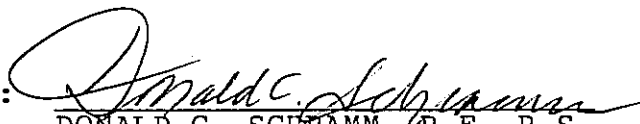
This is to certify that the sum of \$ 405,810.00 will be available as the local matching funds in connection with Hamilton County's application requesting, through the District 2 Integrating Committee, financial assistance for the above named project.

The source of the local match will be Hamilton County's road and bridge funds derived from State of Ohio fuel tax and license tag fees.

Local matching funds will be encumbered and certified upon completion of the Project Agreement with the Ohio Public Works Commission.

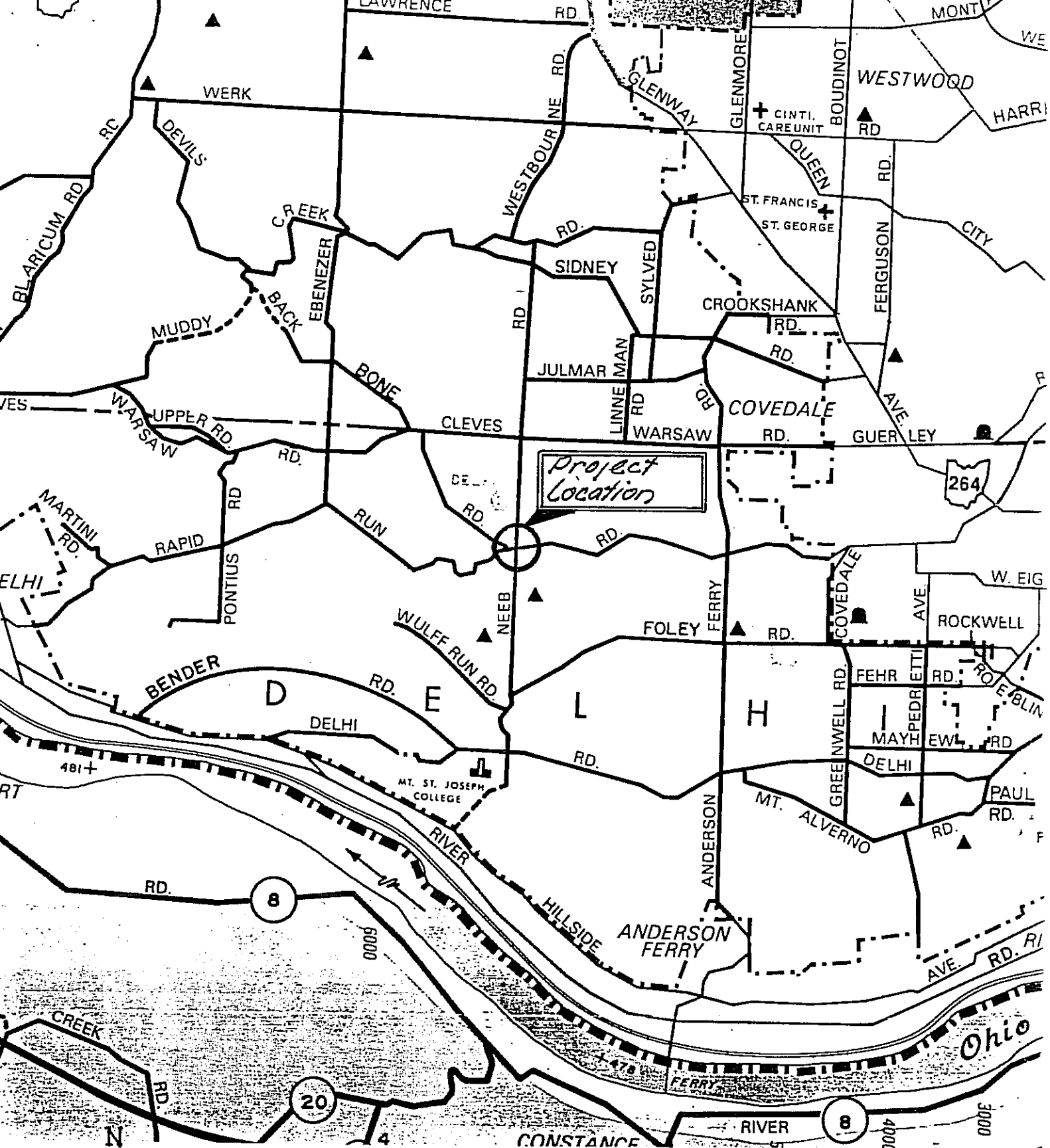
HAMILTON COUNTY

Chief Executive Officer:

  
DONALD C. SCHRAMM, P.E.-P.S.  
HAMILTON COUNTY ENGINEER

Chief Financial Officer:

  
JOSEPH L. DECOURCY, JR.  
HAMILTON COUNTY AUDITOR



LOCATION MAP  
RAPID RUN RD. - NEEB RD.  
INTERSECTION IMPROVEMENT

*Rapid Run Rd - Neeb Rd. Intersection*



*On Rapid Run Rd east of the intersection  
looking west*



*On Rapid Run Rd east of the intersection  
looking east. Example of deteriorated  
and sunken pavement.*

*Rapid Run Rd. - Neeb Rd Intersection*



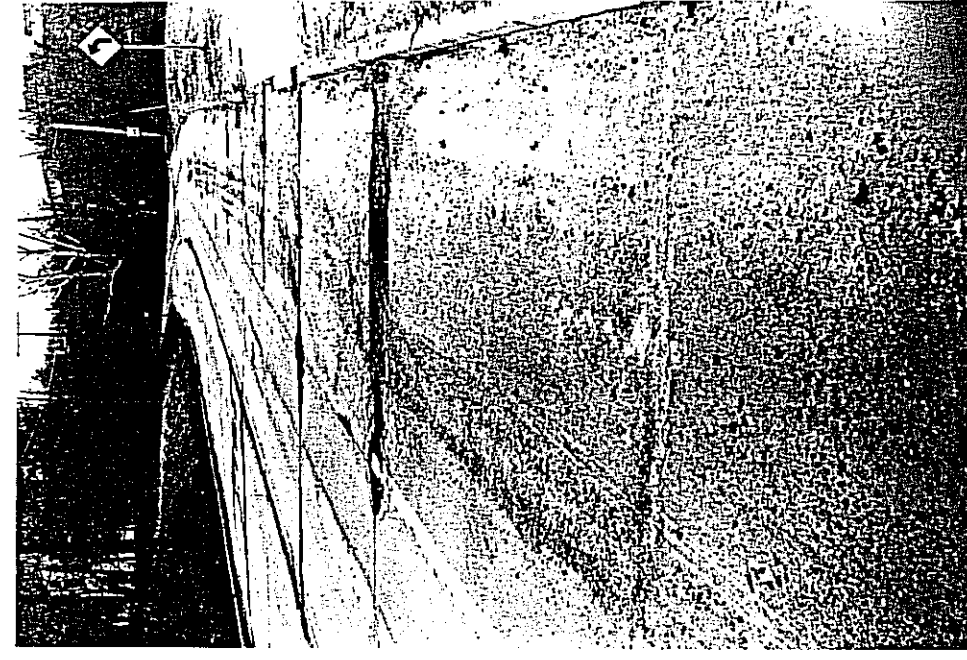
*on Neeb Rd. north of the intersection  
looking south*



*on Neeb Rd. south of the intersection  
looking north*



*Rapid Run Rd - Neeb Rd. Intersection*



*Typical Examples of Joint and Pavement Deterioration*

APPLICATION YEAR: 1990

STATE OF OHIO

INFRASTRUCTURE BOND PROGRAM

DISTRICT 2, HAMILTON COUNTY

PROJECT APPLICATION

unincorporated area  
Jurisdiction/Agency: Hamilton County Engineer Population (1980): 260,397

Project Title: Rapid Run Road - Neeb Road Intersection Improvement

Project Identification and Location: Located in S.W. Hamilton County, Delhi

Township, beginning on Rapid Run Road 650' West of Neeb Road and ending on Rapid Run  
Road 480' East of Neeb Road. Project length 1130' on Rapid Run Road and 300' on Neeb Rd.

Total Length 1430'  
Type of Project: Rehabilitation ☐ Replace ☒ Betterment\* ☒

(Mark more than one box if there are expansion elements such as 2  
lane bridge being replaced with a 4 lane bridge)

Explanation of Betterment Elements of Project\*: Additional pavement width of  
12' for left turn lanes on the East and West approaches of Rapid Run Road and  
expansion of the storm drainage system.

Road ☒ Bridge ☐ Flood Control System (Stormwater) ☐  
Solid Waste Disposal Facilities ☐ Waste Water Treatment Systems ☐  
Storm Water and Sanitary Collection Storage & Treatment Facilities ☐  
Water Supply Systems ☐

Detailed Description of Project\*: Project consists of removal of the existing 9"  
reinforced Portland Cement Concrete Pavement and replacing it with a new 9" reinforced  
Portland Cement Concrete Pavement with 6" subbase. Project also includes undercutting  
of the subgrade; installation of underdrain; widening for left turn lanes; modification,  
adjustment and expansion of the pavement drainage system.

Type of Issue 2 Funds: District 2 ☒ Small Government ☐  
Water/Sewer Rotary ☐ Emergency ☐

\* See definition of Betterment attached.  
\*\* Attach additional sheets if necessary.

1. Of the total infrastructure within the jurisdiction which is similar to the infrastructure of this project, what percentage can be classified as being poor to very poor in condition, adequacy and/or serviceability.

Typical examples are:

Road percentage=  $\frac{\text{Miles of road that are poor to very poor}}{\text{Total mileage of road within jurisdiction}}$

Storm percentage=  $\frac{\text{Length of storm sewers that are poor to very poor}}{\text{Total length of storm sewer within jurisdiction}}$

Bridge percentage=  $\frac{\text{Number of bridges that are poor to very poor}}{\text{Number of bridges within jurisdiction}}$

Based on most recent inventory, 145 miles of the 505 miles of road under County jurisdiction is classified as being poor. Evaluation is based on present condition and service capacity factors such as pavement width and strength.

$145 \text{ miles} \div 505 \text{ miles} = 28.7\%$

2. What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.

Closed	_____	Fair to poor	_____
Extremely poor	_____	Fair	_____
Poor	<u>X</u>	Good	_____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge), surface type and width, structural condition of surface, substandard: berm width, grades, curves, sight distances, drainage structures, sanitary sewers, and water mains. List the age of the infrastructure to be repaired or replaced using one of the following categories: less than 20 years, 20-29 years, 30-39 years, 40-49 years, 50 years or older

Age of pavement 22 years. Width of pavement 40' on Rapid Run Road and 36' on Neeb Road. Existing 9" Reinforced Concrete pavement severely fractured at the transverse joints. Pavement slabs cracked and settled due to slab pumping and subgrade failure because of inadequate soil support strength.

3. If State Issue 2 funds are awarded, how soon in weeks or months after completion of the agreement with OPWC would the opening of air occur? 8 weeks

■ Please indicate the current status of the project development by circling the appropriate answers below.

- |  |                                      |                                     |                                      |
|--|--------------------------------------|-------------------------------------|--------------------------------------|
| a) Has the Consultant been selected?.....            | Yes                                  | No                                  | <input checked="" type="radio"/>     |
| b) Preliminary development or engineering completed? | <input checked="" type="radio"/> Yes | No                                  | N/A                                  |
| c) Detailed construction plans completed?.....       | Yes                                  | <input checked="" type="radio"/> No | N/A                                  |
| d) All right-of-way acquired?.....                   | Yes                                  | No                                  | <input checked="" type="radio"/> N/A |
| e) Utility coordination completed?.....              | Yes                                  | <input checked="" type="radio"/> No | N/A                                  |

Give estimate of time, in weeks or months, to complete any item above not yet completed. Detailed plans will be completed in six to eight weeks.

Utility coordination will be accomplished during construction.

4. How will the proposed infrastructure activity impact the general health, welfare, and safety of the service area.

■ Where applicable, comment on the following:

- a) Overall safety, including accident reduction (Accident records should be attached, if available). Overall safety will be improved due to improved pavement and surface rideability and addition of left turn lanes. A total of 28 accidents have occurred in the last 4 years.
- b) Emergency vehicle response time (fire, police, & medical) Emergency vehicle response time will not be affected.
- c) Other factors (i.e., fire protection, health hazards, etc.)  
N/A
- d) Additional User Costs - The additional distance and time for the users to travel a detour or an alternate route Project will be built under traffic half width at a time. Additional user costs will be minimal due to any delays caused by construction operations.
- e) When project is completed, how will it impact adjacent businesses?  
Adjacent businesses which are located on the Northwest, Northeast and Southeast corners will experience some adverse impact during construction because of drive-way reconstruction. After completion, businesses will experience better ingress and egress because of improved traffic flow through the intersection.

5. Are matching funds available? (i.e. Federal, State, MRF, Local, etc.)

To what extent of anticipated construction cost?

10% of replacement cost, 100% of expansion costs

■ List the type and amount of funds being supplied by the local agency. This amount may be from local, Federal, State, Municipal Road Fund (MRF), or other sources. Explain additional funding through other sources being applied for or received for the project. Also, explain any need to accumulate funds for construction at a later date. Complete LOCAL FUNDING SOURCES on Page 6.

- ■ The local agency shall supply a minimum of 10% of the anticipated construction cost. Additionally, the local agency shall pay for all costs of engineering, inspection of construction, right of way, and the betterment portion of the project. Complete ESTIMATED COST OF PROJECT, on Page 6.

6. Has any formal action by a federal, state, or local government agency resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure?

■ Are there any roads or streets within the proposed project limits that have weight limits (partial ban) or truck restrictions (complete ban)? Have any bridges had weight limits imposed on them (partial ban) or truck prohibitions (complete ban)? Have the issuance of new Building permits been limited (partial ban) or halted (complete ban) because the existing storm/sanitary sewer or water supply system in a particular area is inadequate? Document with specific information explaining what type of ban currently exists and the agency that imposed the ban. No bans have been imposed.

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7. What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as households, traffic counts, ridership figures for public transit, daily users, etc., and equate to an equal measurement of users.

■ For roads and bridges, multiply current documented Average Daily Traffic by 1.2 occupants per car (I.T.E. estimated conversion factor) to determine users per day. Ridership figures for public transit must be documented. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by four (4) to determine the approximate number of users per day. Average Daily Traffic Volume through the intersection is 18,900

vehicles per day resulting in approximately 22,700 users per day.

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8. The applicant has conducted a study of its existing capital improvements and their condition. A five year overall Capital Improvement Plan (that shall be updated annually) is attached or on file with the District 2 Integrating Committee for the current year or shall be submitted by March 31 of the program year. The Plan shall include the following:

- a) An inventory of existing capital improvements, including their condition,
- b) A plan that details capital improvements needs during the next five years and,
- c) A list of the political subdivision's priorities in addressing these needs.

The attached Form 1 shall be completed for those projects which are being submitted for Issue 2 funds.

9. Is the infrastructure to be improved part of a facility that has regional significance? (Number of jurisdictions served, size of service area, trip lengths or lengths of route, functional classification) The infrastructure to be replaced is the intersection of two  
minor arterial routes extending from Delhi Road in Delhi Township on the south,  
to West Fork Road in Green Township on the north, (approximate length 7 miles) and  
Hillside Avenue in Saylor Park on the west to Sunset Avenue in Cincinnati on the  
east (approximate length 6 3/4 miles).

10.) ESTIMATED COST OF PROJECT

<u>ACTIVITY</u>	<u>ISSUE 2 FUNDS</u>	<u>LOCAL FUNDS</u>
Planning, Design, Engineering	(100% Local)	\$ <u>Completed</u>
Right-Of-Way/Real Property	(100% Local)	\$ <u>None</u>
Inspection of Construction	(100% Local)	\$ <u>100% County</u>
Construction and Contingencies	\$ <u>399,688</u>	\$ <u>227,281</u>
Betterment Portion	(100% Local)	\$ <u>178,529</u>
Subtotal	\$ <u>399,688</u>	\$ <u>405,810</u> **
Grand Total (Issue 2 Funds Plus Local Funds).....		\$ <u>805,498</u>

LOCAL FUNDING SOURCES

Municipal Road Fund (MRF)	\$ _____
State Fuel & License Funds	\$ <u>405,810</u>
Local Road Taxes	\$ _____
Local Bond or Operating Funds	\$ _____
Misc. Funds (Specify) _____	\$ _____
Total Local Funds	\$ <u>405,810</u> **

\*\* These numbers must be identical

# CAPITAL IMPROVEMENT PLAN

## LOCAL ABILITY TO PAY

### A. Previous Capital Budget For Infrastructure Projects\*

Budget is based on expenditures or appropriations?\* (Circle one)

Funding (in thousands of dollars)	% of TOTAL expenditures/ appropriations	% of TOTAL Capital budget USED FOR INFRASTRUCTURE REPAIR/REPLACEMENT
1986 \$ <u>10,186</u>	<u>50.5</u> %	<u>42</u> %
1987 \$ <u>4,567</u>	<u>32.6</u> %	<u>100</u> %
1988 \$ <u>7,182</u>	<u>48.9</u> %	<u>87</u> %
1989 \$ <u>3,790</u> (est.)	<u>23.5</u> %	<u>93</u> %

### B. Projected Capital Budget For Infrastructure Projects\*

Budget is based on expenditures or appropriations?\* (Circle one)

Funding (in thousands of dollars)	% of TOTAL expenditures/ appropriations	% of TOTAL Capital budget USED FOR INFRASTRUCTURE REPAIR/REPLACEMENT
1990 \$ <u>4,300</u>	<u>30</u> %	<u>90</u> %
1991 \$ <u>4,300</u>	<u>30</u> %	<u>90</u> %
1992 \$ <u>4,300</u>	<u>30</u> %	<u>90</u> %

\* Use only funds expended or appropriated for construction CONTRACTS.

Briefly explain any significant Reduction (10% or more) in projected expenditures or appropriations for 1989-92 as compared to actual expenditures or appropriations for previous years. (It is the intent of Issue 2 to SUPPLEMENT local capital funds, not REPLACE them.) \_\_\_\_\_

1986 expenditure includes 5.96 million for Cross County Highway HAM-126/75 - 13.00/9.93

1988 expenditure includes the 2.3 million dollar bridge replacement over the

Great Miami River at Miamitown.



Does the jurisdiction utilize any of the following methods for funding sources? (circle answer)

Local income tax.....	Yes	<input type="radio"/> No
Permissive license plate fee.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Bridge and road levies.....	Yes	<input type="radio"/> No
Tax increment financing and/or..... capital improvement bond issues	Yes	<input type="radio"/> No
Direct user fees.....	Yes	<input type="radio"/> No
Permit fees and fines.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No

13.) AUTHORIZATION

The applicant hereby affirms that local funds will be provided if this project is selected.

Note: Attach with application  
any photographs, reports, plans or  
other available data on the  
project.

Room 700, County Administration Building

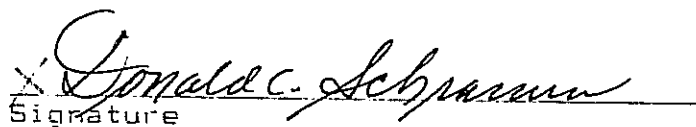
138 East Court Street

Cincinnati, Ohio 45202

Address

(513) 632-8523

Phone (Work)

  
Signature

Donald C. Schramm

Name

Hamilton County Engineer

Position

Hamilton County

Local Jurisdiction/Agency

NOTE THAT THIS FORM IS BEING OFFERED FOR  
APPLYING JURISDICTION/AGENCIES: INFORMATION PURPOSES ONLY. IT WILL BE  
FILLED OUT BY THE SUPPORT STAFF, BASED ON  
INFORMATION SUPPLIED ON APPLICATION FORMS.

CT 112  
OHIO'S INFRASTRUCTURE BOND PROGRAM (ISSUE #2)  
DISTRICT 2 - HAMILTON COUNTY  
1990 PROJECT SELECTION CRITERIA

JURISDICTION/AGENCY: HAMILTON COUNTY

PROJECT IDENTIFICATION:

RAPID RUN : NEED IMPROVEMENT - WIDENING : LEFT TURN  
LANES ON RAPID RUN HA 9001-28

PROPOSED FUNDING:

10% County 90% ISSUE 2

ELIGIBLE CATEGORY:

OKC  
EDC  
~~VOID~~

POINTS

10

1. Type of Project

10 points - Bridge, road, storm water.  
3 points - All other type projects.

10

2. If Issue 2 Funds are awarded, how soon after the agreement with OPWC is completed would bids occur?

10 points - Will be let in 1990  
5 points - Likely to be let in 1990  
0 points - Not likely to be let in 1990

- 6
3. What is the condition and/or serviceability of the infrastructure to be replaced or repaired. For bridges, base condition on latest general appraisal and condition rating.

10 points - Closed  
8 points - Extremely Poor  
6 points - Poor  
4 points - Fair to Poor  
2 points - Fair  
0 points - Good

- 4  
NOT FURNISHED
4. Of the total infrastructure within the jurisdiction which is similar to the infrastructure of this project, what portion can be classified as being in poor to very poor in condition, and/or inadequate in service.

10 points - 50% and over  
8 points - 40% and over  
6 points - 30% and over  
4 points - 20% and over  
2 points - 10% and over

- 4
5. How important is the project to the health, welfare and safety of the public and the citizens of the district and/or the service area?

10 points - Significant importance  
8 points -  
6 points - Moderate importance  
4 points -  
2 points - Minimal importance

- 4  
NOT ON LIST
6. What is the overall economic health of the jurisdiction?

10 ~~20~~ points - Poor  
8 ~~10~~ points -  
6 ~~8~~ points - Fair  
4 ~~6~~ points -  
2 ~~4~~ points - Excellent

- 2
7. Are matching funds for this project available? (i.e., Federal, State, MRF, Local, etc.). To what extent of estimated construction cost?

10 points - More than 50%  
8 points - 40-50% and over  
6 points - 30-49% and over  
4 points - 20-29% and over  
2 points - 10-19% and over

- 0 8. Has any formal action by a Federal, State or local governmental agency resulted in a partial or complete ban of the use or expansion of use for the involved infrastructure? This includes reduced weight limits on bridges.

10 points - Complete ban  
5 points - Partial ban  
0 points - No action

- 5 9. What is the total number of existing users that will benefit as a result of the proposed project. Use appropriate criteria such as households, traffic count, public transit, daily users, etc. and equate to an equal measurement of persons.

5 points - Over 10,000  
4 points - Over 7,500 to 9,999  
3 points - Over 5,000 to 7,499  
2 points - Over 2,500 to 4,999  
1 points - Under 2,449

- 3 10. Does the infrastructure have regional impact? (May consider size of service area, trip length or total length of route, number of jurisdictions, functional classification, etc.)

5 points - Major impact  
4 points -  
3 points - Moderate impact  
2 points -  
1 points - Minimal impact

48  
~~58~~ TOTAL POINTS

TEAM 2 - CLINE & CAUBLE  
Reviewer Names

11/21/89  
Date